

Express Mail Label No. EU147832185US

PATENTS  
ROC920010200US1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : William John Goetzinger, Glen Howard  
Handlogten, James Francis Mikos and David  
Alan Norgaard

Serial No. : 10/015,994

Filed : November 1, 2001

For : WEIGHTED FAIR QUEUE SERVING PLURAL OUTPUT  
PORTS

Group Art Unit : 2661

Hon. Assistant Commissioner  
for Patents  
Washington, D.C. 20231

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**APR 03 2002**

**Technology Center 2600**

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,  
applicants wish to call the attention of the Examiner to the  
following references:

U.S. Patent Application Serial No. 10/016,518, filed  
November 1, 2001, titled "Weighted Fair Queue Having Extended  
Effective Range"

U.S. Patent Application Serial No. 10/015,760, filed November 1, 2001, titled "Weighted Fair Queue Having Adjustable Scaling Factor"

U.S. Patent Application Serial No. 10/002,085, filed November 1, 2001, titled "Empty Indicators for Weighted Fair Queues"

U.S. Patent Application Serial No. 10/004,373, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Peak Service Distance Using Next Peak Service Time Violated Indication"

U.S. Patent Application Serial No. 10/002,416, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service with Aging Time Stamps"

U.S. Patent Application Serial No. 10/004,440, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service with Cached Status Array"

U.S. Patent Application Serial No. 10/004,217, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service Anticipating the End of a Chain of Flows"

These references are also listed on the accompanying Information Disclosure Statement (Form PTO-1449) and copies are enclosed.


Consideration of the foregoing in relation to this  
patent application is respectfully requested.


Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Brian M. Dugan", with a long horizontal flourish extending to the right.

Brian M. Dugan, Esq.  
Registration No. 41,720  
Dugan & Dugan, LLP  
Attorneys for Applicants  
(914)332-9081

Dated: March 29, 2002  
Tarrytown, New York

U.S. Department of Commerce, Patent and Trademark Office  					Docket No.: ROC920010200US1		Serial No.: 10/015,994	
LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)					Applicant(s): William John Goetzinger et al.			
					Filing Date: 11/01/01		Group: 2661	
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
Foreign Patent Documents								
							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AR	U.S. Patent Application Serial No. 10/016,518; filed November 1, 2001, titled "Weighted Fair Queue Having Extended Effective Range" ✓						
	AS	U.S. Patent Application Serial No. 10/015,760; filed November 1, 2001, titled "Weighted Fair Queue Having Adjustable Scaling Factor" ✓						
	AT	U.S. Patent Application Serial No. 10/002,085; filed November 1, 2001, titled "Empty Indicators for Weighted Fair Queues" ✓						
Examiner			Date Considered					
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

U.S. Department of Commerce, Patent and Trademark Office  <div style="display: flex; align-items: center;">  <div>             OFFICE OF RELEVANT ART CITED BY APPLICANT              (Use several sheets if necessary)           </div> </div>					Docket No.: ROC920010200US1		Serial No.: 10/015,994	
					Applicants: William John Goetzinger, et al			
					Filing Date: November 1, 2001		Group: 2661	
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	AG							
	AH							
	AI							
	AJ							
	AK							
Foreign Patent Documents <span style="float: right;">Translation</span>								
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
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U.S. Department of Commerce, Patent and Trademark Office

Docket No.:

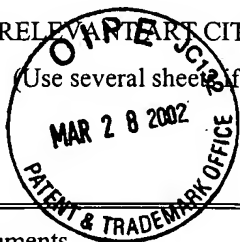
ROC920010200US1

Serial No.:

10/015,994

## LIST OF RELEVANT ART CITED BY APPLICANT

(Use several sheets if necessary)



Applicants:

William John Goetzinger, et al

Filing Date:

November 1, 2001

Group:

2661

## U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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## Foreign Patent Documents

## Translation

		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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AS	
AT	

Examiner

Date Considered

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04-01-02

GP2661 #3  
Docket No. ROC920010200US1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Hon. Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Re: Inventor(s): William John Goetzinger, Glen Howard Handlogten, James Francis Mikos and David Alan Norgaard  
Title: WEIGHTED FAIR QUEUE SERVING PLURAL OUTPUT PORTS  
Serial No.: 10/015,994  
Filed: November 1, 2001  
Examiner: Unknown  
Group Art Unit: 2661

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Transmitted herewith is:

- ☒ Information Disclosure Statement  
☒ PTO Form 1449 with seven cited references  
☒ Return Postcard

## FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	N/A	- 20 =	-0-	X \$18.00	\$0.00
Independent Claims	N/A	- 3 =	-0-	X \$84.00	\$0.00
Basic Filing Fee				\$740.00	\$0.00
TOTAL FEES					\$0.00

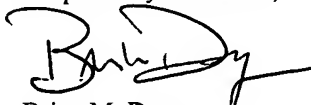
— The Commissioner is hereby authorized to charge \$0.00 to Deposit Account No. 04-1696.

☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1696. A duplicate copy of this transmittal is enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail Receipt No. EU147832185USDate of Deposit: March 29, 2002Signature: 

Respectfully submitted,



Brian M. Dugan  
Registration No. 41,720  
(914) 332-9081